



COAL OWNED BY \_\_\_\_\_

NEW LOCATION  FOR STORAGE

DRILL DEEPER

ABANDONMENT

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PCH. PA.

FARM JOHN & EMMA CROW

TRACT \_\_\_\_\_ ACRES 330 LEASE No. 2900

WELL (FARM) No. 16 SERIAL No. 1698

ELEVATION (SPIRIT LEVEL) 1148.22

QUADRANGLE CAMERON NE

COUNTY MARSHALL DISTRICT WEBSTER

ENGINEER John A. Louden (O.G.)

ENGINEER'S REGISTRATION No. 12710

FILE No. \_\_\_\_\_ DRAWING No. Y-25-574

DATE 30 JUNE 62 SCALE 1"=800'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**

FILE No. MARS-470

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

9-022



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

STORAGE GAS

Permit No. MARS-470

Oil or Gas Well GAS  
(KIND)

Company The Mfrs. Lt. and Ht. Co.  
800 Union Trust Bldg., Pittsburgh 19, Pa.

Farm John and Emma Crow Acres 330

Location (waters) \_\_\_\_\_

Well No. 4698 Elev. 1147.75G.L16

District EX Webster County Marshall

The surface of tract is owned in fee by \_\_\_\_\_

Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_

Address \_\_\_\_\_

Drilling commenced July 22, 1962

Drilling completed December 8, 1962

Date Shot 12/5/62 From Big Injun

With Side Static

Open Flow 45 /10ths Water in \_\_\_\_\_ Inch

PSIG ~~XXXXXX~~ /10ths Merc. in 4 Inch

Volume 36,665,000 Cu. Ft.

Rock Pressure 713 lbs. 72 hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water 1577 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
13 3/8"	58'6"	58'6"	
10			Size of
8 1/2 5/8"	650'8"	650'8"	
6 1/2 1/2"			Depth set
6 3/16 x	1706'11"	1706'11"	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 592 FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Depth Datum-Ground		Level					
Pittsburgh Coal		5	592	597			
Big Dunkard		30	1122	1152			
Sand		15	1177	1192			
Sand		15	1217	1232			
Gas Sand		20	1287	1307	Show of gas - 1292'		
1st Salt Sand		30	1352	1382	Gas - 1362' Est. 200 MCF/day		
Sand		25	1457	1472			
3rd Salt Sand		130	1517	1647	Water - 1577'		
Big Injun			1687				
Drilled 7 7/8" hole to 1717' and Cemented 5 1/2" Casing at 1707'					Pay Zones - Big Injun		
Drilled 4 3/4" hole to 1794'					1768'-1776' Driller		
Total Depth				1794	1781'-1789' Driller		
					1787'-1792' Driller		
					1687		
					1148		
					539		

